

DATE Apr. 12, 2004 EXPRESS MAIL NO. EU 677566120 US

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the below identified Application and attached documents, pursuant to 37 CFR 1.10, being deposited as "Express Mail" this date with the United States Postal Service in an envelope address to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,

By George R. Corrigan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FILING OF PATENT APPLICATION PURSUANT TO 37 CFR 1.53(b)

Docket No. ITW 7247.63

Mail Stop Patent Application  
Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Herewith is the patent application of Applicant(s):

Richard M. Hutchison  
Todd E. Holverson  
James L. Uecker

FOR: Method And Apparatus For Short Arc Welding

This new application is a continuation of, and claims the benefit of the filing date of, U.S. Patent Application Serial No. 10/262354, filed September 30, 2002, entitled Method And Apparatus For Short Arc Welding, which is a continuation of, and claims the benefit of the filing date of, U.S. Patent Application Serial No. 10/012788, filed November 5, 2001, entitled Method And Apparatus For Welding With Output Stabilizer, which issued on November 25, 2003 as Patent No. 6,653,595, which is a continuation of application No. 09/526,770, filed March 16, 2000, entitled Method and Apparatus for Short Arc Welding, which issued as Patent No. 6,326,591, which is a continuation of Application No. 09/024,944 filed on February 17, 1998, which issued as Patent No. 6,087,626.

Including a copy of the prior application as filed, consisting of:

Declaration  
1 page Abstract  
42 Pages of Specification and Claims  
10 Sheet(s) of informal drawing

22141 U.S. PTO  
10/822583  
041204

The undersigned hereby verifies that the foregoing papers are a true copy of what is shown in our records to be the above identified prior application, including the oath or declaration originally filed.

**Amendments:**

Please replace the cross-reference to related application section with the following:

This is a continuation of, and claims the benefit of the filing date of, U.S. Patent Application Serial No. 10/262354, filed September 30, 2002, entitled Method And Apparatus For Short Arc Welding, which is a continuation of, and claims the benefit of the filing date of, U.S. Patent Application Serial No. 10/012788, filed November 5, 2001, entitled Method And Apparatus For Welding With Output Stabilizer, which issued as U.S. Patent No. 6,653,595, which is a continuation of application No. 09/526,770, filed March 16, 2000, entitled Method and Apparatus for Short Arc Welding, which issued as Patent No. 6,326,591, which is a continuation of Application No. 09/024,944 filed on February 17, 1998, which issued as Patent No. 6087626.

Please cancel claim(s) 1-47 of the application as filed prior to calculating the filing fee.

A preliminary amendment is enclosed.

**Assignment**

The prior application is assigned of record to Illinois Tool Works Inc.

**Copendency of Prior Application:**

The prior application is presently pending.

**Power of Attorney:**

The Power of Attorney in the prior application is to the undersigned and appears in the original papers in the prior application.

THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED  
LESS ANY ABOVE CANCELED  
PER MPEP SEC. 506 AND SEC. 607

**Fee Calculation:**

|                    |                               |     |          |
|--------------------|-------------------------------|-----|----------|
| Basic Fee (770)    |                               | =   | \$770.00 |
| Total Claims       | 20 minus 20 = 10 x \$ 18.00 = | +\$ | 0.00     |
| Independent Claims | 3 minus 3 = 0 x \$ 86.00 =    | +\$ | 0.00     |

**TOTAL FILING FEES: = \$770.00**

Please charge this fee of \$770.00, and any additional fees that may be due, to Deposit Account number 50-0599.

**Authorization To Charge Certain Types Of Additional Fees:**

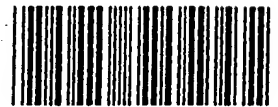
The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account Number 50-0599:

37 CFR § 1.16 filing, claim and surcharge fees;  
37 CFR § 1.17 extension fees and application processing fees; and  
37 CFR 1.18 issue fee (pursuant to 37 CFR 1.311(b)).

**Correspondence Address:**

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**23721**

PATENT TRADEMARK OFFICE

By: \_\_\_\_\_

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